

**Ship Via:**



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL : 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S079438



Part: RBE350A93-3303-02-5

Job No: 177389

Serial No/Batch: S079438

Revision: 4

Inspector:

Date: 06/08/18

Instructions:

ALL
SEE
302

2040
PS
2040
33
2040



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBE350A93-3303-02-5
Job Sheet 173892



Part No: RBE350A93-3303-02-5

Job Qty: 6 ea

Part Name: Extractor Pin



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/8/18

Job Tracking No:

Due Date: 4/14/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: RBE350A93-3303-02 REV 4 IPP REV A 18-01-17 NEW ISSUE JFC VERIFIED DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		4/7/18	0.00	0.00	Start Up Machining-4		
120	Mori Seiki	6 pcs		4/9/18	1.00	1.20	MORI SL-154		
130	QC	6 pcs		4/9/18	0.00	0.00	QC2 Machining-5		
140	QC	6 pcs		4/9/18	0.00	0.00	QC8 Machining-5		
150	Outsource	6 pcs		4/14/18			GRO002-VC	5	
160	Packaging	6 pcs		4/14/18	0.00	0.00	Packaging2		
170	QC	6 pcs		4/14/18	0.00	0.00	QC6		
210	Packaging	6 pcs		4/14/18	0.00	0.00	Packaging3-2		
220	QC21-SA	6 Ea		4/14/18	0.00	0.00	QC21		

Part Op 120 - 1-Machine as per folio FB741 FOLIO REV: _____ DWG REV: _____ 2-Deburr

Descriptions: 150 - -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required
160 - Receive
210 - Identify and Stock

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R1.375	MT-4140 QT-R1.375	.6000 ft (.1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140QT-R1.375	1	43	0

Part Specifications

Specifications could not be found.

Plex 3/8/18 8:00 AM Dart.lajeunesse.marie

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY			
☐ Environment	☐ Design	☐ Doc/Data	☐ Equip/Tooling	☐ Handling/Pre	☐ Material	☐ Internal Transport	☐ Tribal Knowledge
☐ LOA	☐ Substation	☐ Past Expiry Date	☐ Misidentified	☐ No Re-verification	☐ Operator	☐ Offset/Setup	☐ Supplier
				☐ Training	☐ Use for Testing	☐ Poor Information	☐ Rushing
				☐ Product Improvement	☐ Process Improvement	☐ Manufacturing Process	☐ Past Due
				OTHER : _____			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

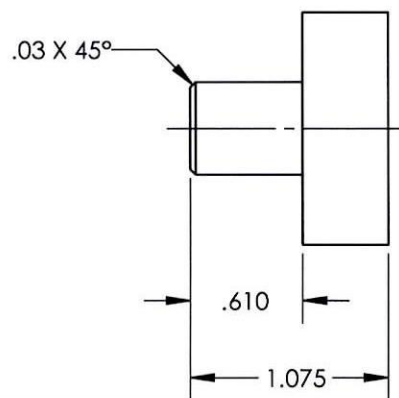
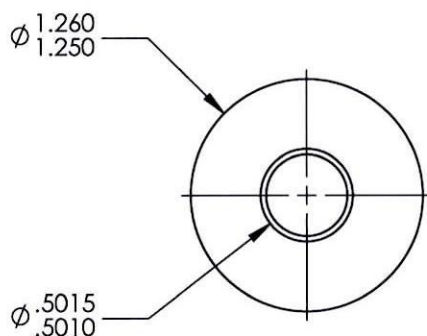
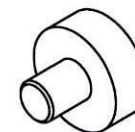
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-5 ADDED .03 X 45° CHAMFER.	12/4/2008	WP	DW
3		-5 CH'D DIM WAS Ø.501 IS Ø.5010 - .5015.	3/13/2014	DPD	GE
4	15-0132	-5 CH'D MATERIAL WAS 4140 G&P IS 4140/4142 Q&T.	6/10/2015	RJC	JAG



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 173892
20180501

(-5)
EXTRACTOR PIN

DART AEROSPACE	
TITLE T/R BODY EXTRACTOR TOOL	
DWG NO. RBE350A93-3303-02-5	REV 4
MAT'L 4140/4142 Q&T	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT FINISH BLACK OXIDE
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC
SCALE 1:1	USED ON MODEL EUROCOPTER AS350A
DATE 10/27/2008	SHEET 4 OF 5



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	P.O. Number
33	DART C3-12-2P	Lock Shaft	39860
55	RBE350A93-3303-02-5P	Extractor Pin	39860

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9-88

MATERIAL: supplied by METEC

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Heather Nixon

Vankleek Hill, June 7, 2018



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039860**

Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039860
PO Date: 5/10/18
Due Date: 6/8/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lussier, Patrick Phone:

Via: Ground
Pynt Terms: Net 60

Freight Terms:
Special Comments:

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	C3-12-2P			Lock Shaft	Firmed	6/8/18	30 pcs	0 pcs	30 pcs	\$0.01/pcs	\$0.30
Line Item Note W/O 177363											
7	C10-23-1P			Keeper Spacer	Firmed	6/8/18	57 pcs	0 pcs	57 pcs	\$9.77/pcs	\$556.89
Line Item Note W/O 177373											
8	RBW6305G01232-3G-5P			Spacer	Firmed	6/8/18	25 Ea	0 Ea	25 Ea	\$0.01/Ea	\$0.25
Line Item Note W/O 177396											
9	RBW6305G00232-3G-1P			Base	Firmed	6/8/18	25 Ea	0 Ea	25 Ea	\$0.01/Ea	\$0.25
Line Item Note W/O 177409, please advise Pat Lussier once received											
11	RBW109-3101-58-1-7P			Handle	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177380											
12	RBW109-3101-58-2-7P			Handle	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177383											
13	RBE350A94-2708-01-01P			Slide	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177384											
14	RBE350A93-3312-03-7P			Washer	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177385											
15	RBE350A93-3312-03-5P			Seat	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177387											
16	RBE350A93-3312-03-3P			Remover / Installer	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50

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